

ABSTRACT

- A rotary flap

- The rotary flap (1) is liable to turn about a longitudinal axis of rotation (4) defined according to the first span (5) of said flap (1),
5 said flap (1) having a profile (6) extending along the chord (CO) and comprising a first leading edge (7), a first trailing edge (8), an inner surface (9) and an outer surface (10), The inner surface (9) and outer surface (10) have non-concave shapes, first leading edge (7) having a rounded shape provided with a curve radius (R)
10 more or less constant or elliptical in shape whose first major axis to minor axis quotient is less than or equal to 1.5, with first trailing edge (8) having a main angle (α) that is included between 10° and 30°, and axis of rotation (4) is situated at a first distance (C1) from first leading edge (7), that is included between 15% and 35% of
15 the chord (CO) of flap (1).

Figure for abstract: fig. 1